

APPROVED	Q.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

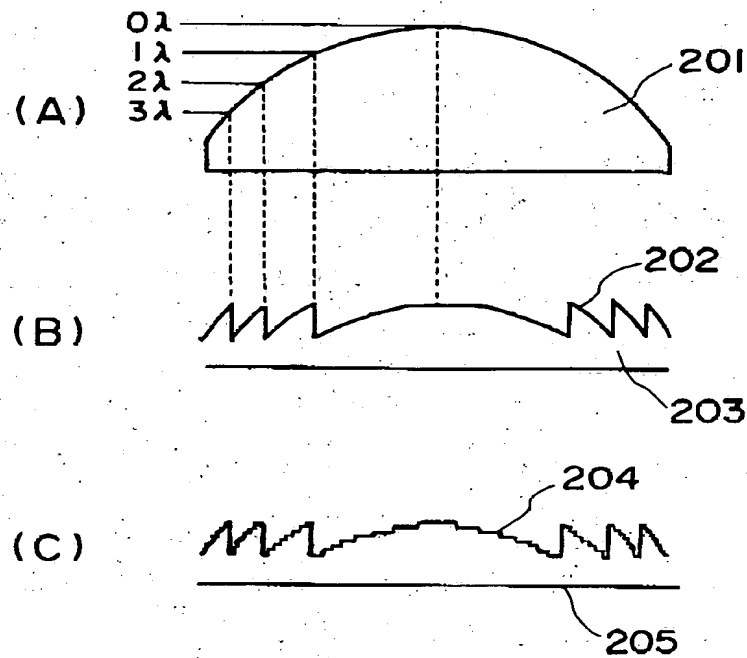
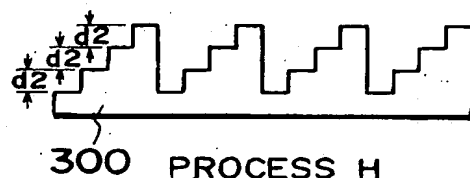
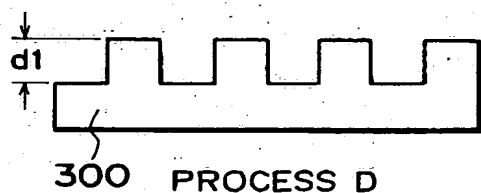
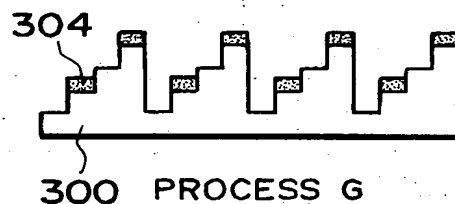
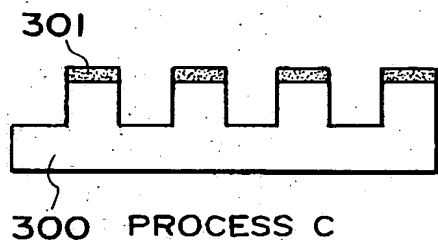
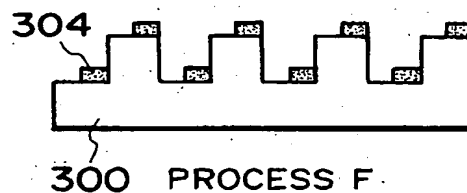
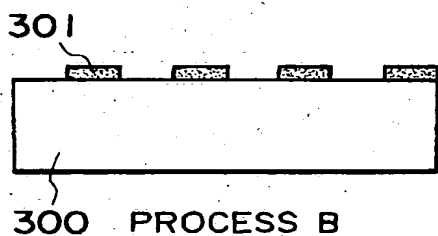
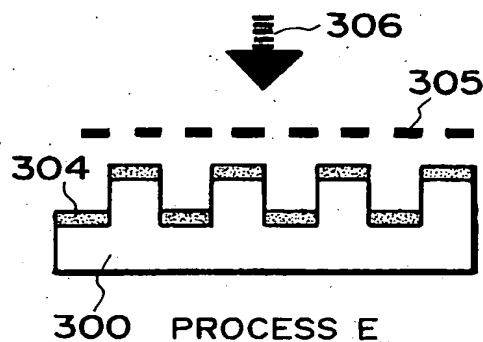
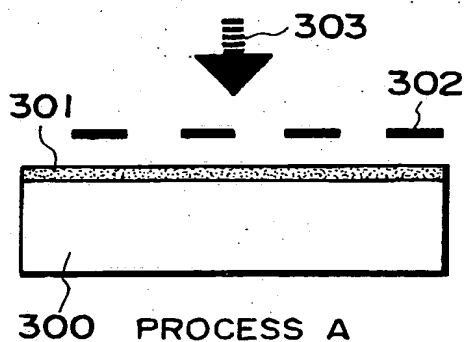


FIG. 1  
PRIOR ART

09762698-072999



**FIG. 2**  
**PRIOR ART**

05306538 012500

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

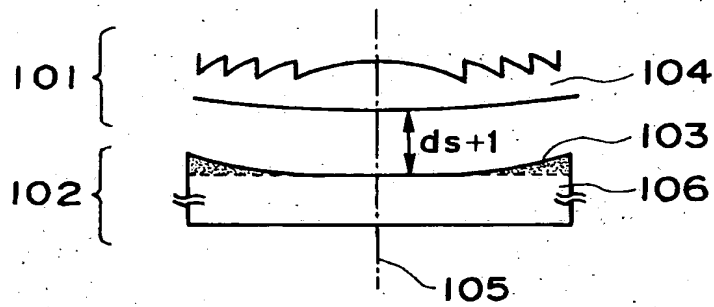


FIG. 3

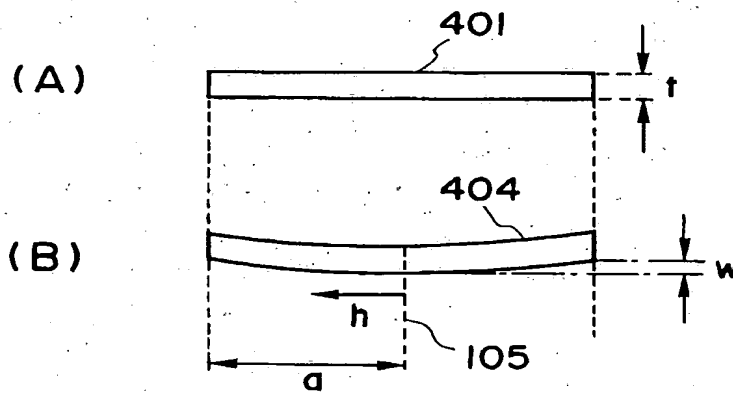


FIG. 4

053676538 072999

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

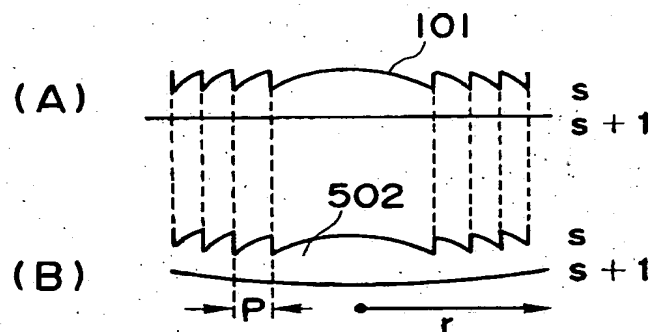


FIG. 5

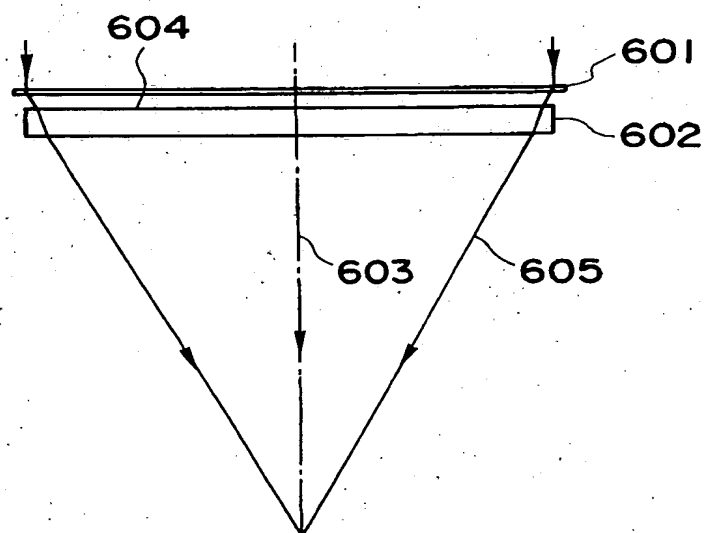


FIG. 6

0362690 072839

656220" 363460

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	"	"

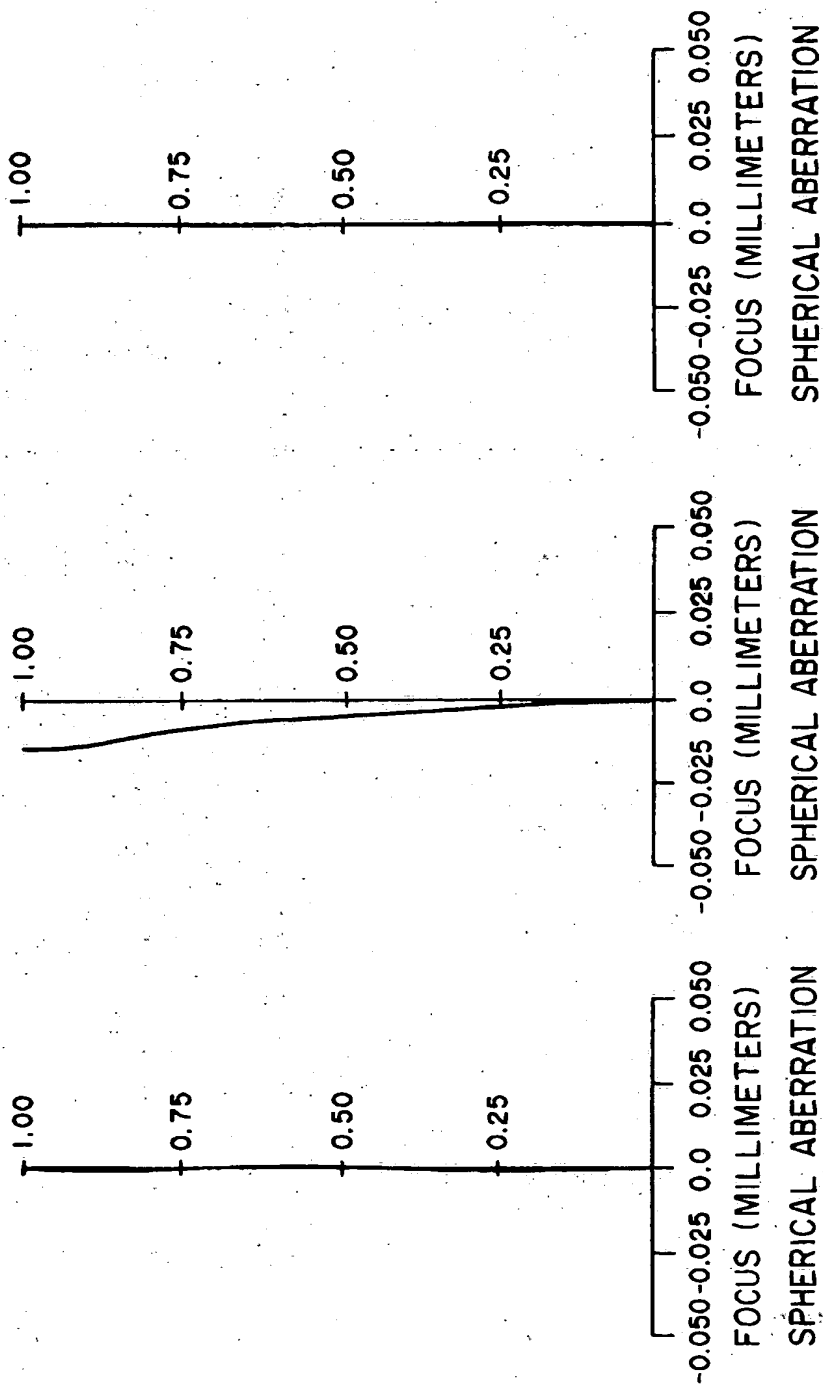


FIG. 7A

FIG. 7B

FIG. 7C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

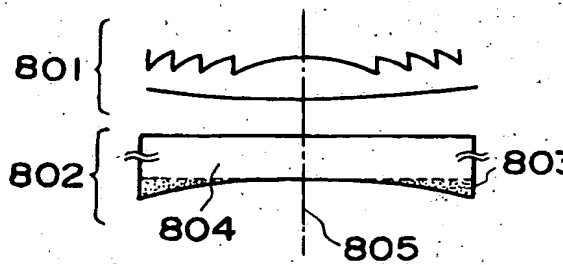


FIG. 8A

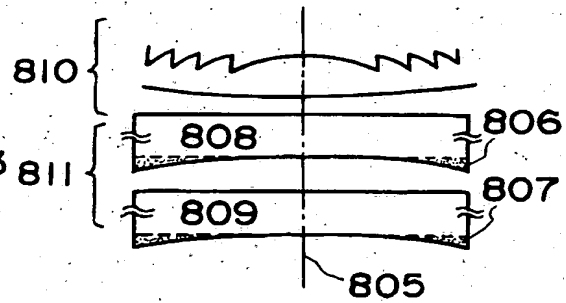


FIG. 8B

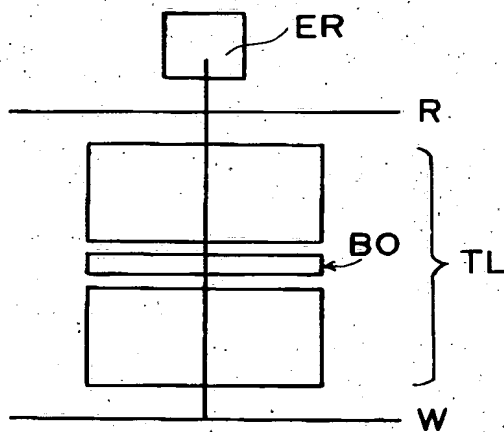


FIG. 9

055222" 3592860







APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

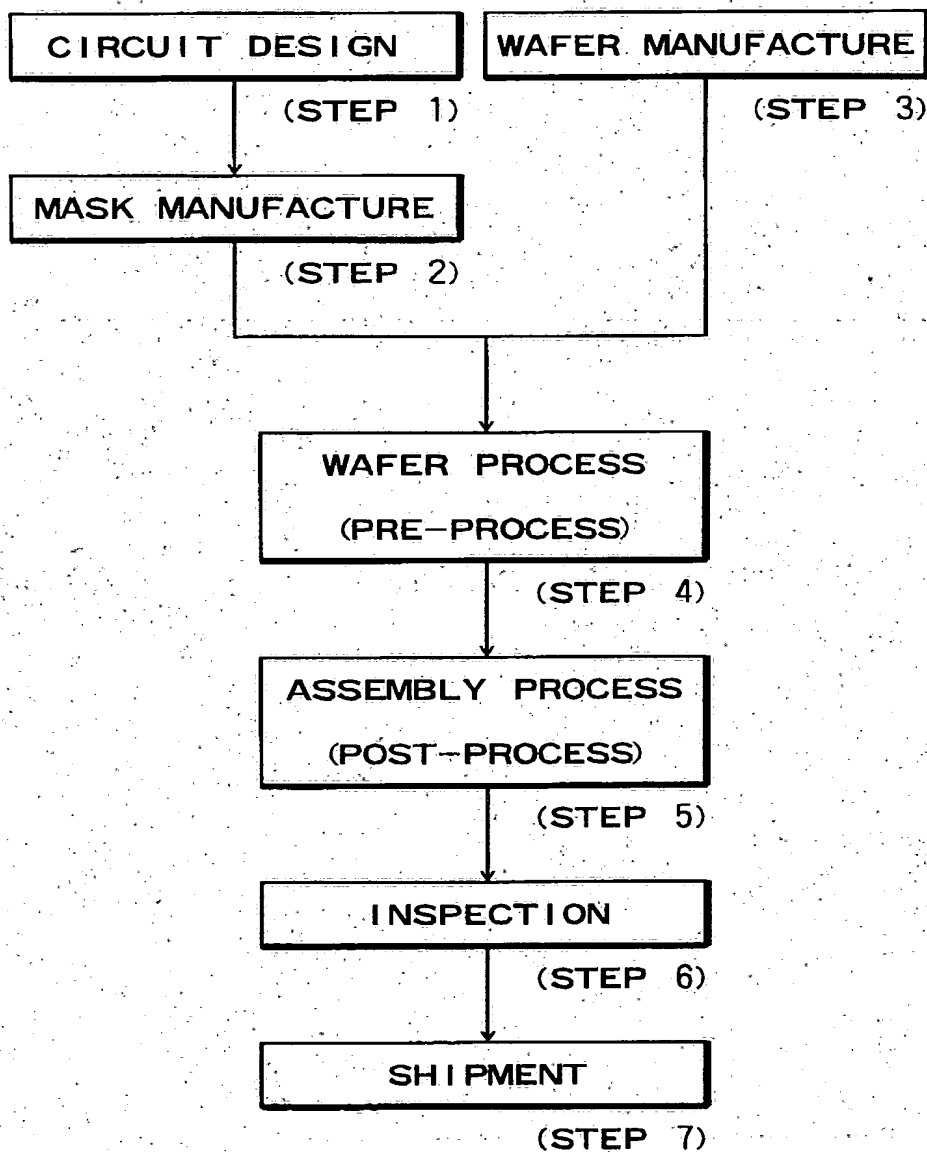


FIG. 16

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

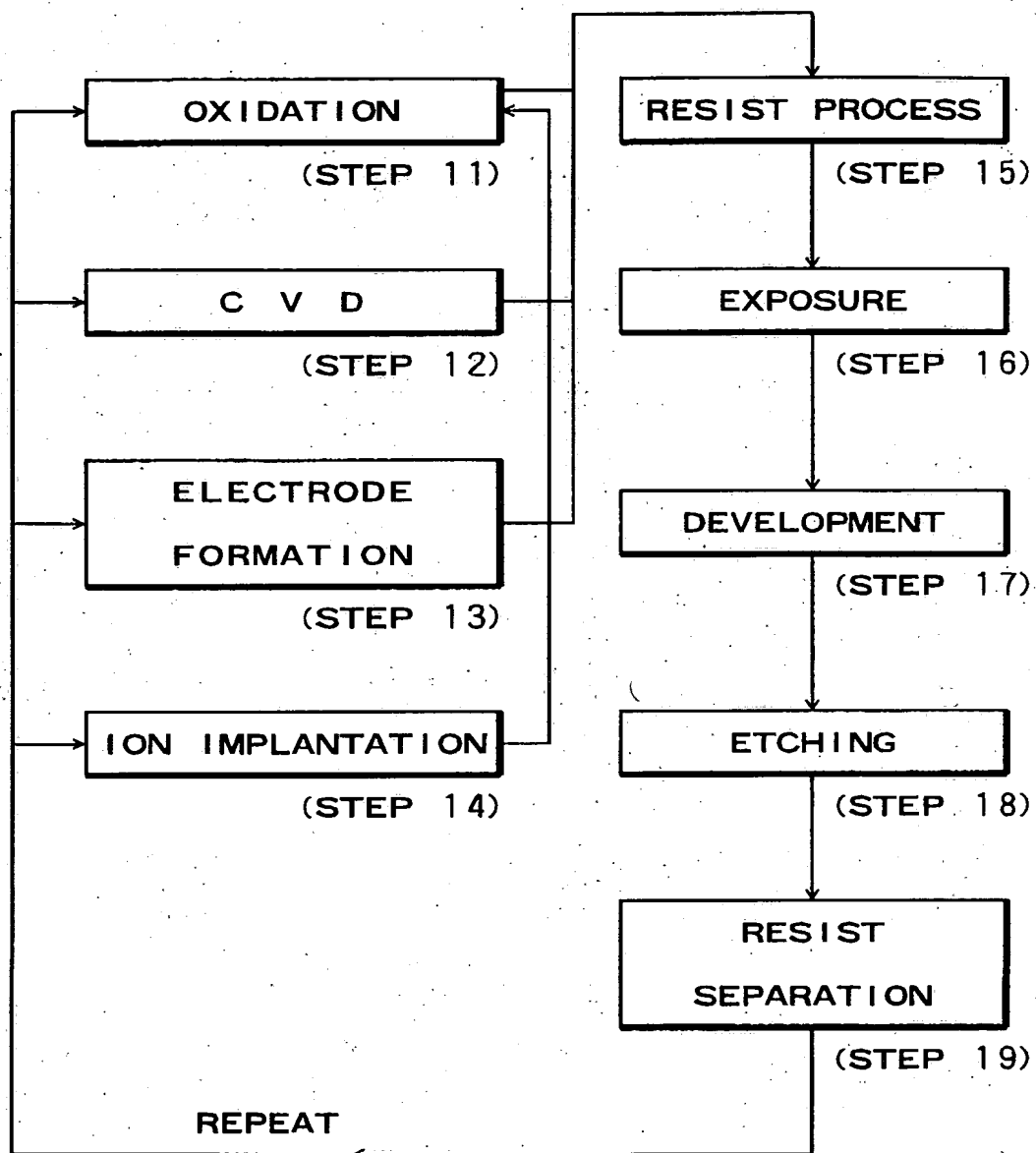


FIG. 17

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

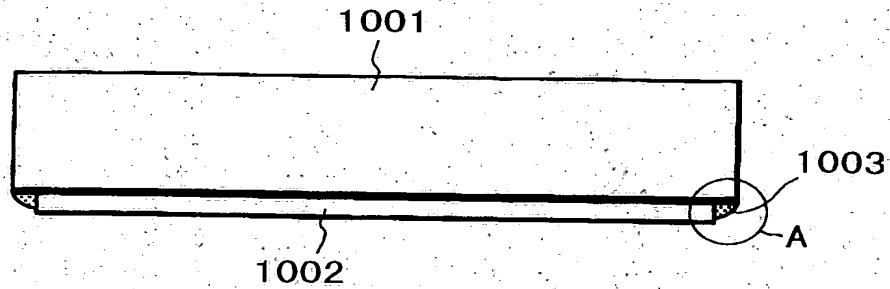


FIG. 18

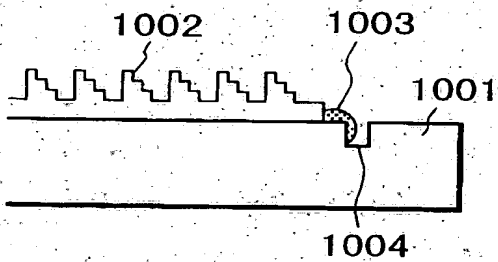


FIG. 19A

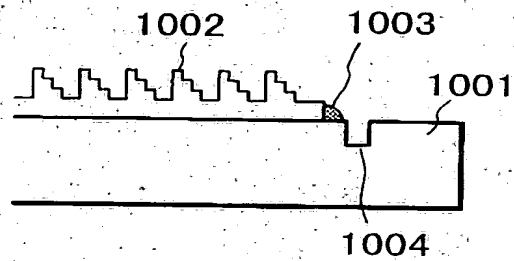


FIG. 19B

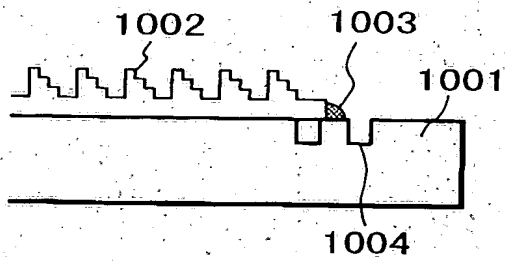


FIG. 19C

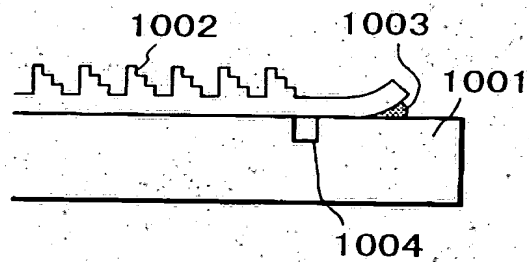
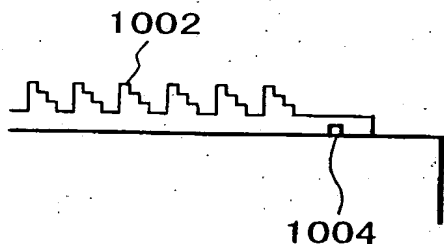


FIG. 19D

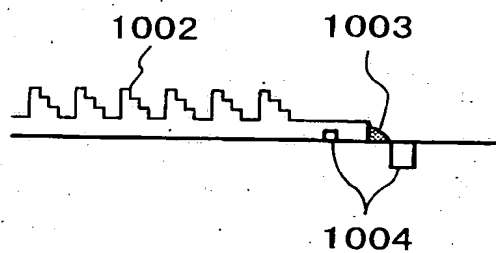
665220 95090000



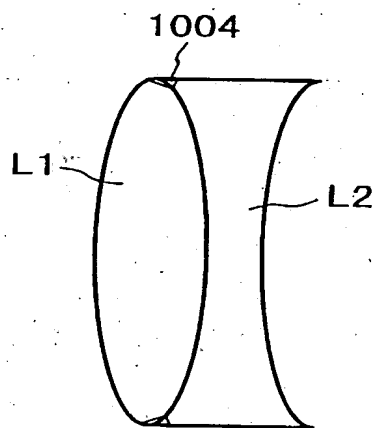
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



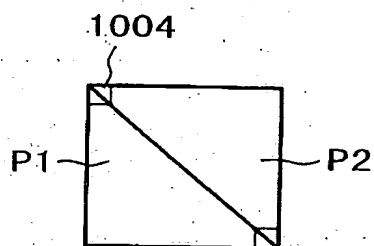
**FIG. 23A**



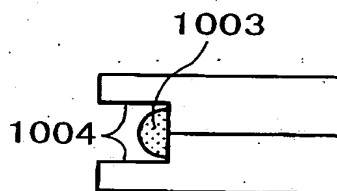
**FIG. 23B**



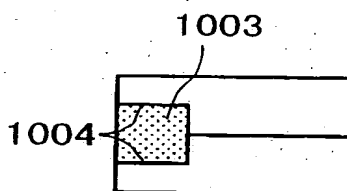
**FIG. 24A**



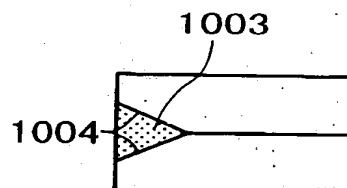
**FIG. 24B**



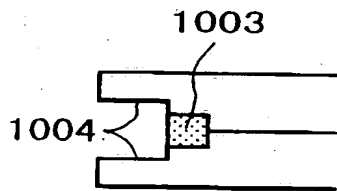
**FIG. 25A**



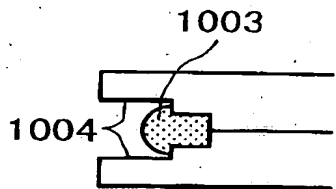
**FIG. 25B**



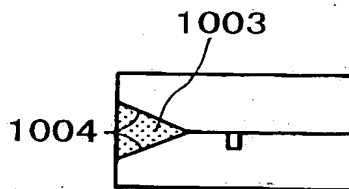
**FIG. 25C**



**FIG. 25D**



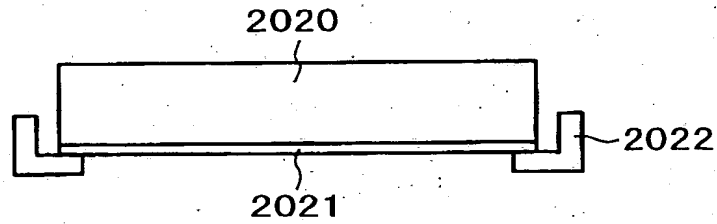
**FIG. 25E**



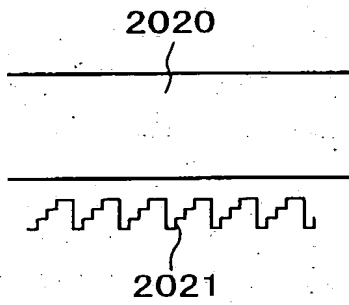
**FIG. 25F**

655270-00000000

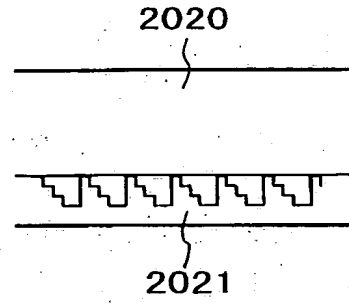
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



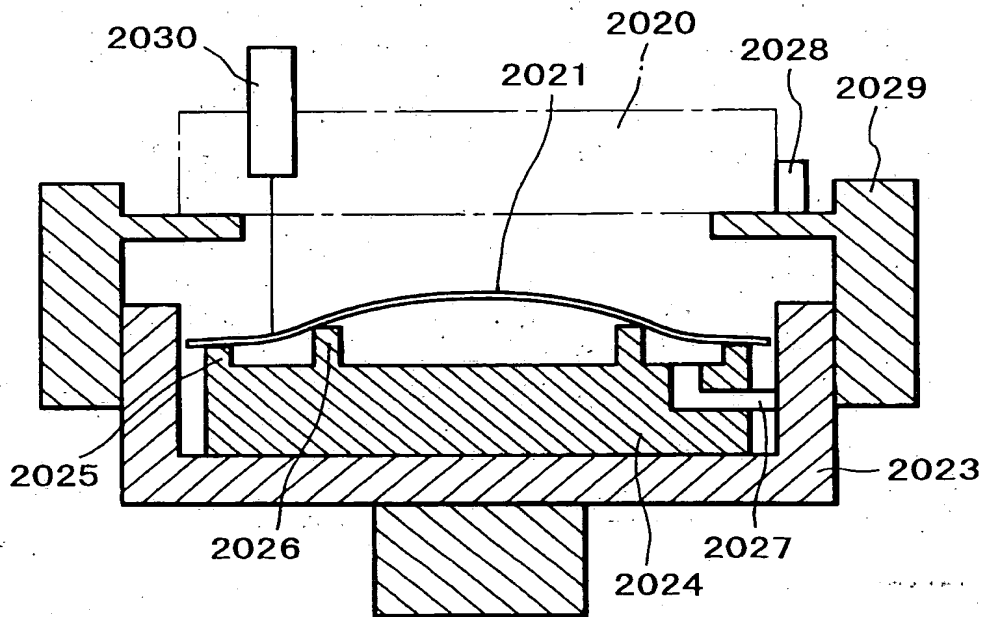
**FIG. 26**



**FIG. 27**



**FIG. 28**



**FIG. 29**

66270-2699560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

# HYDROGEN BOND

QUARTZ-WATER

WATER-WATER

FLUORITE-WATER

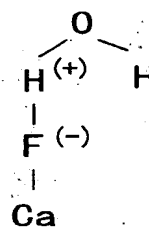
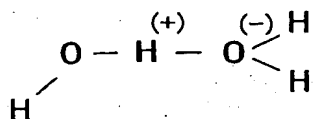
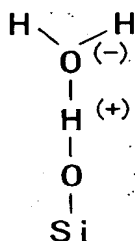


FIG. 30A

# VAN DER WAAL' S FORCE

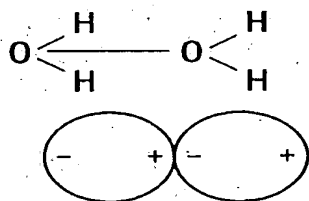


FIG. 30B

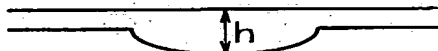


FIG. 31

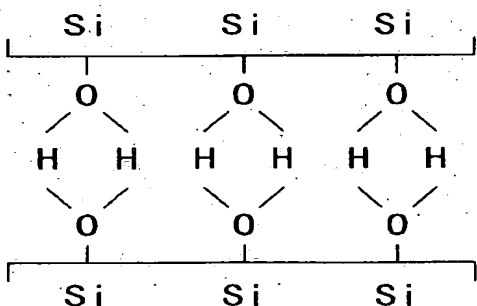


FIG. 32

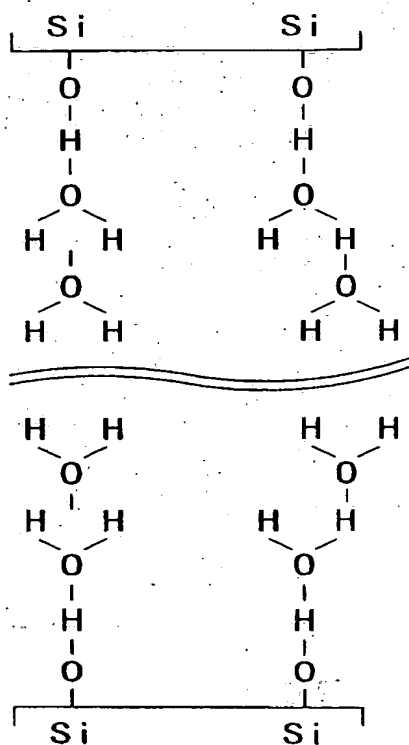
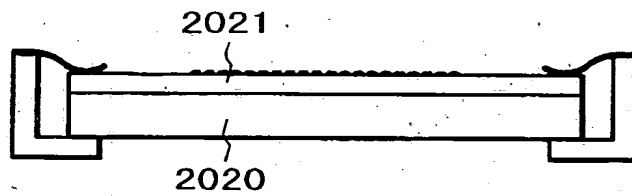


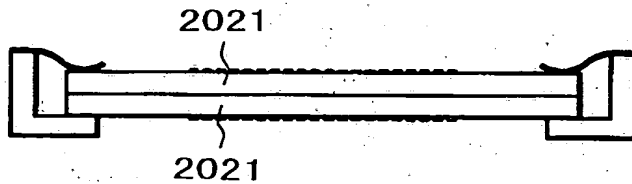
FIG. 33

555270 869950

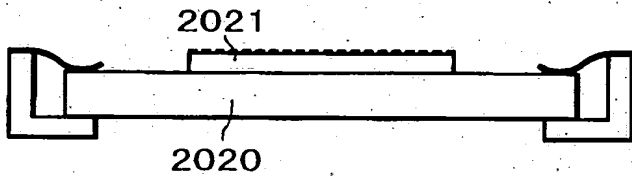
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



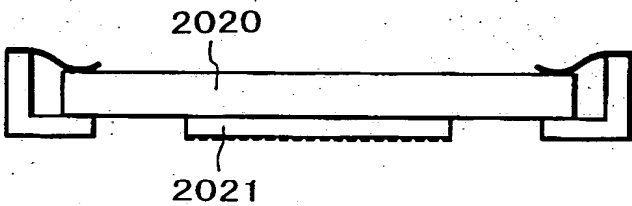
**FIG. 34**



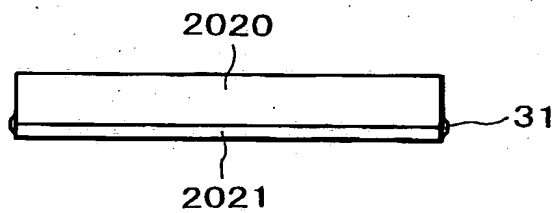
**FIG. 35**



**FIG. 36**



**FIG. 37**



**FIG. 38**

662250-00000000



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

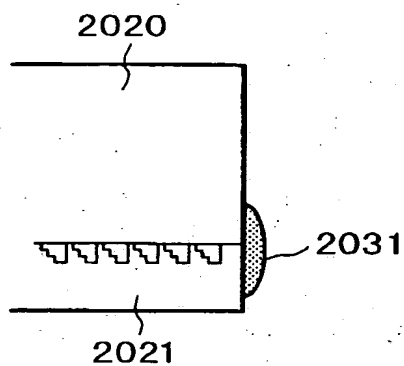


FIG. 39

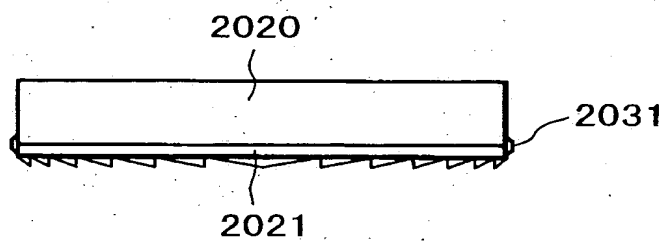


FIG. 40

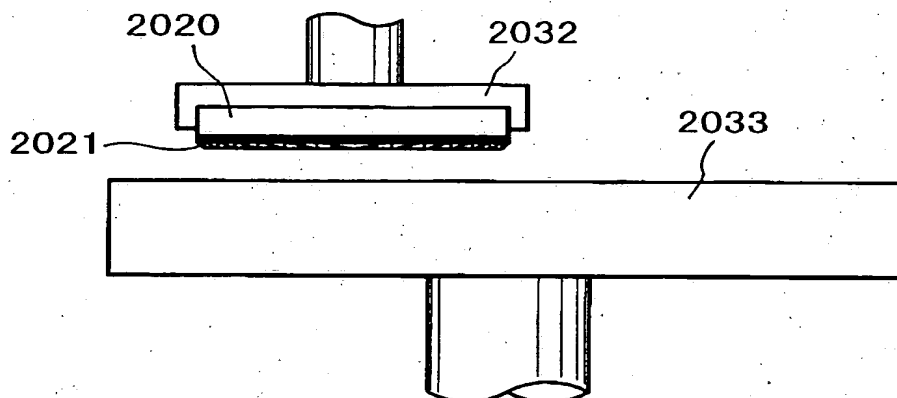


FIG. 41

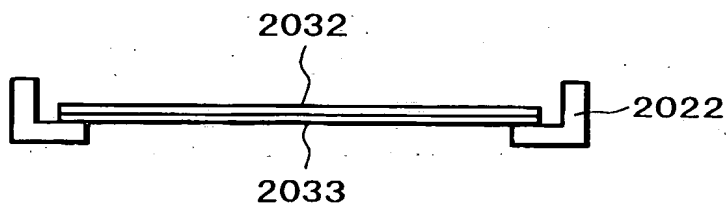
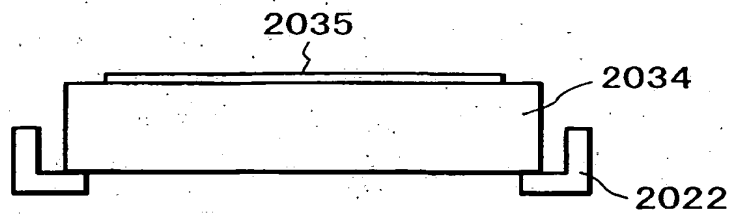


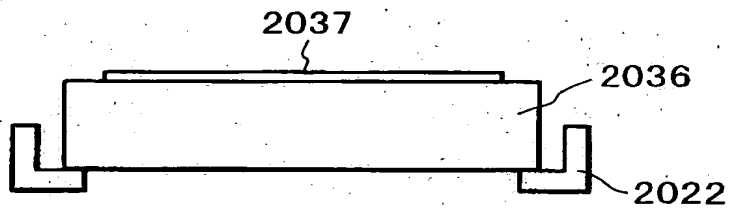
FIG. 42

03362698 072999

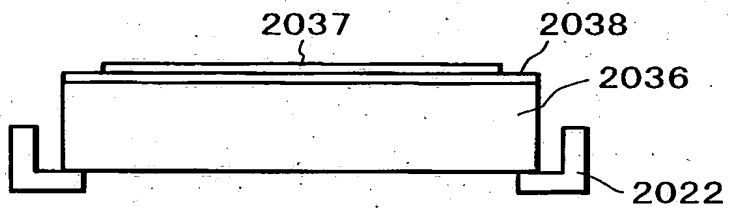
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



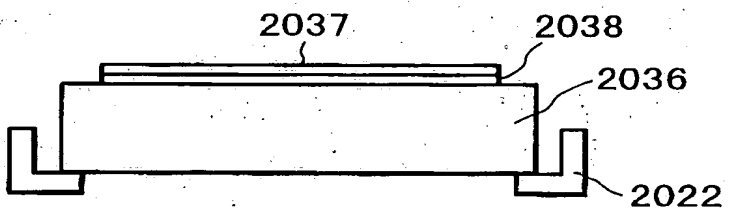
**FIG. 43**



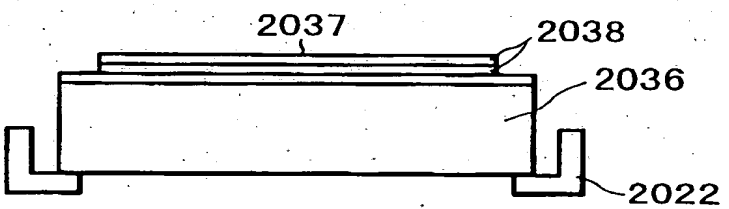
**FIG. 44**



**FIG. 45**



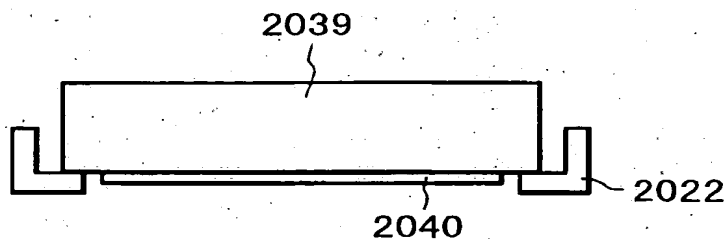
**FIG. 46**



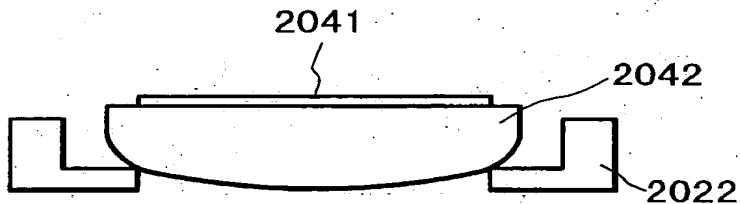
**FIG. 47**

03362690 073939

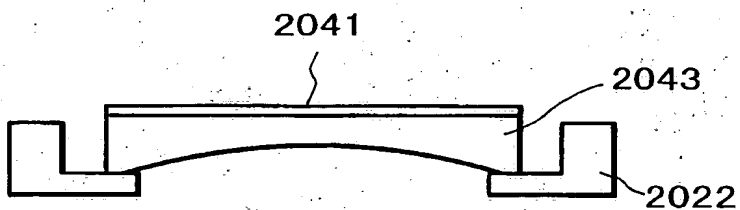
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



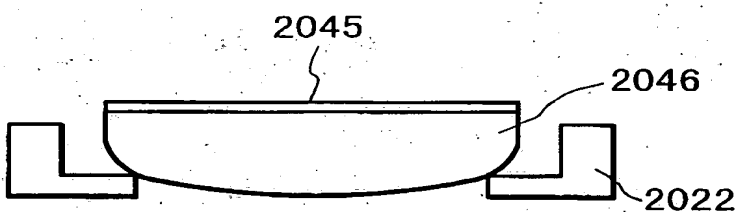
**FIG. 48**



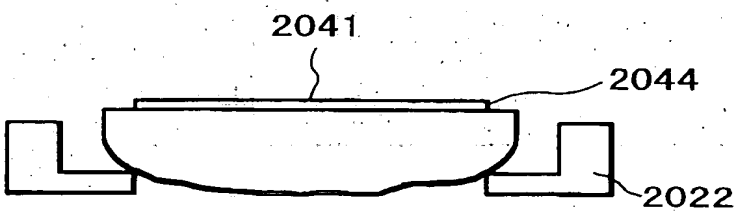
**FIG. 49**



**FIG. 50**



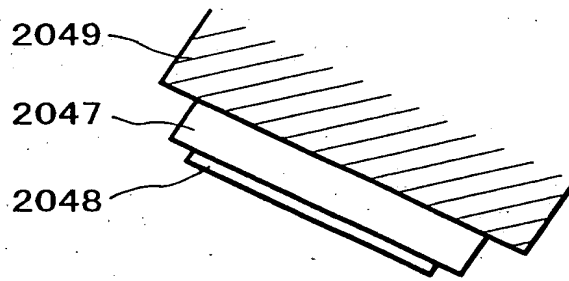
**FIG. 51**



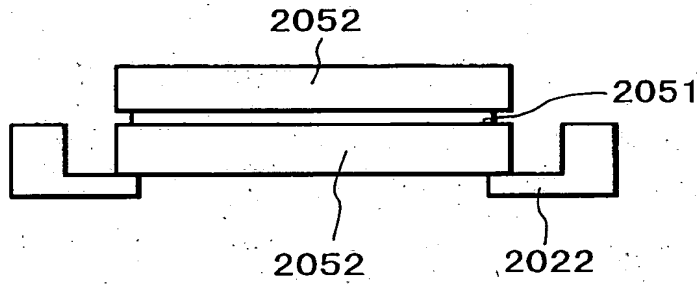
**FIG. 52**

652/01-00000000

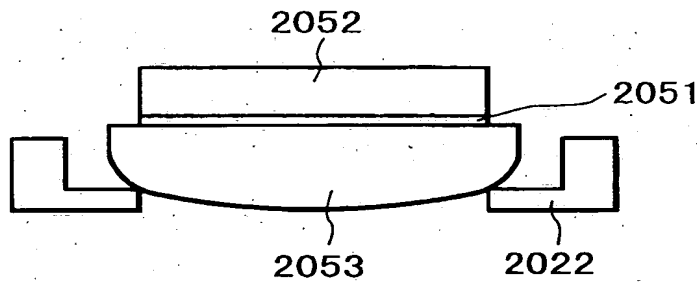
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	"	"



**FIG. 53**



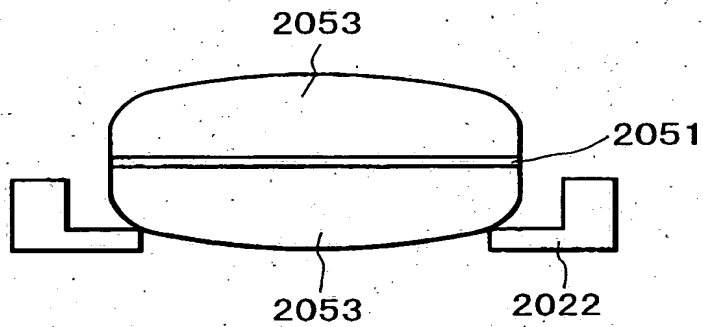
**FIG. 54**



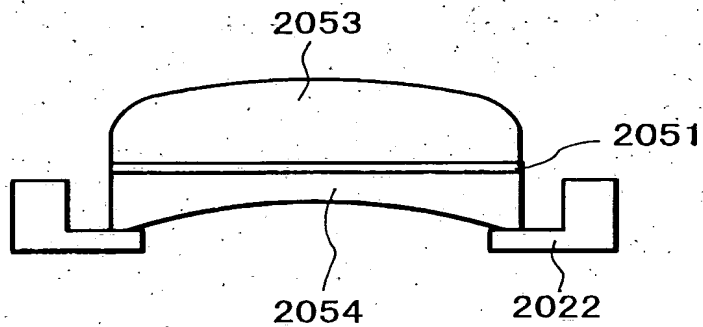
**FIG. 55**

05322658 072599

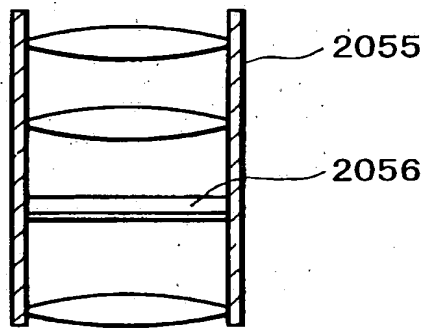
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



**FIG. 56**



**FIG. 57**



**FIG. 58**

03030303 03030303

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

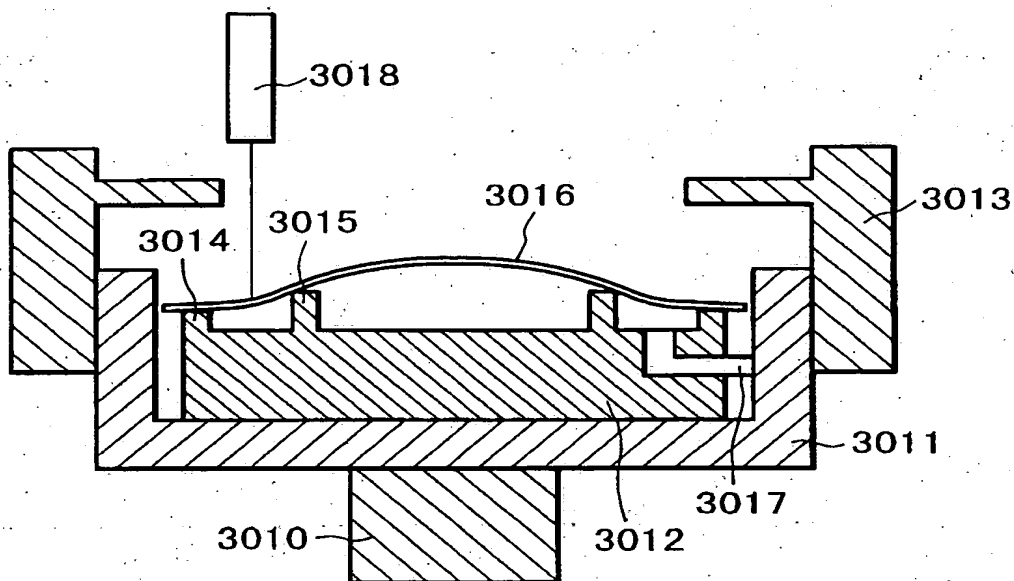


FIG. 59

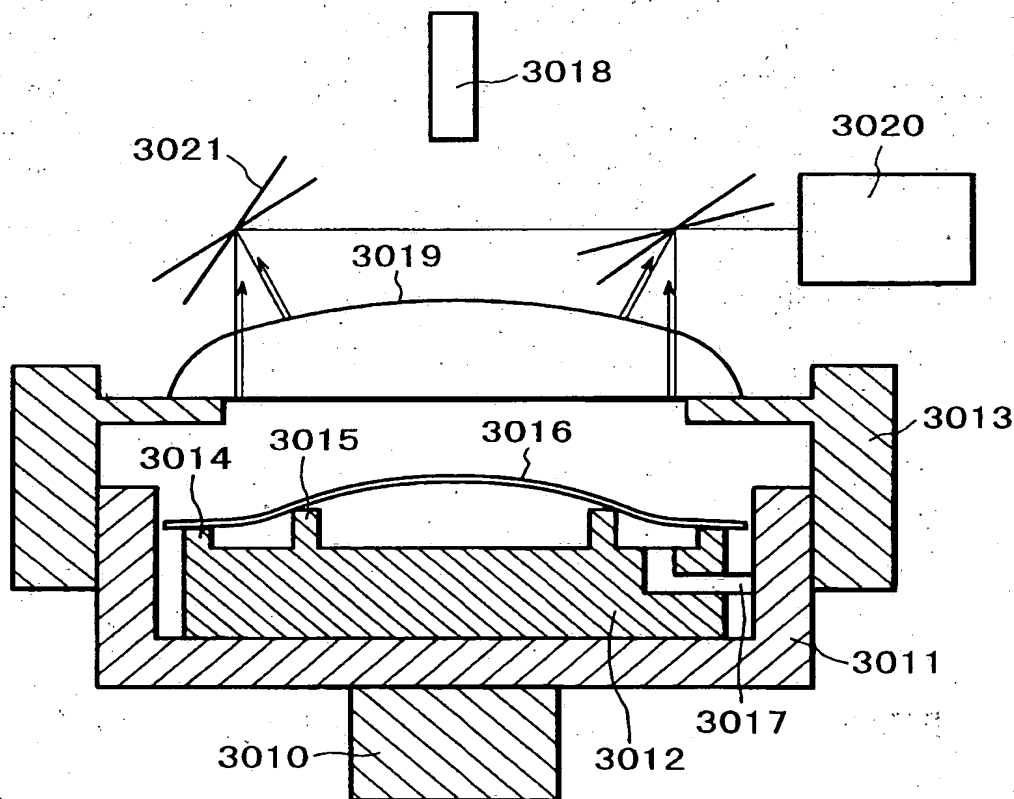


FIG. 60

03522600 070993

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

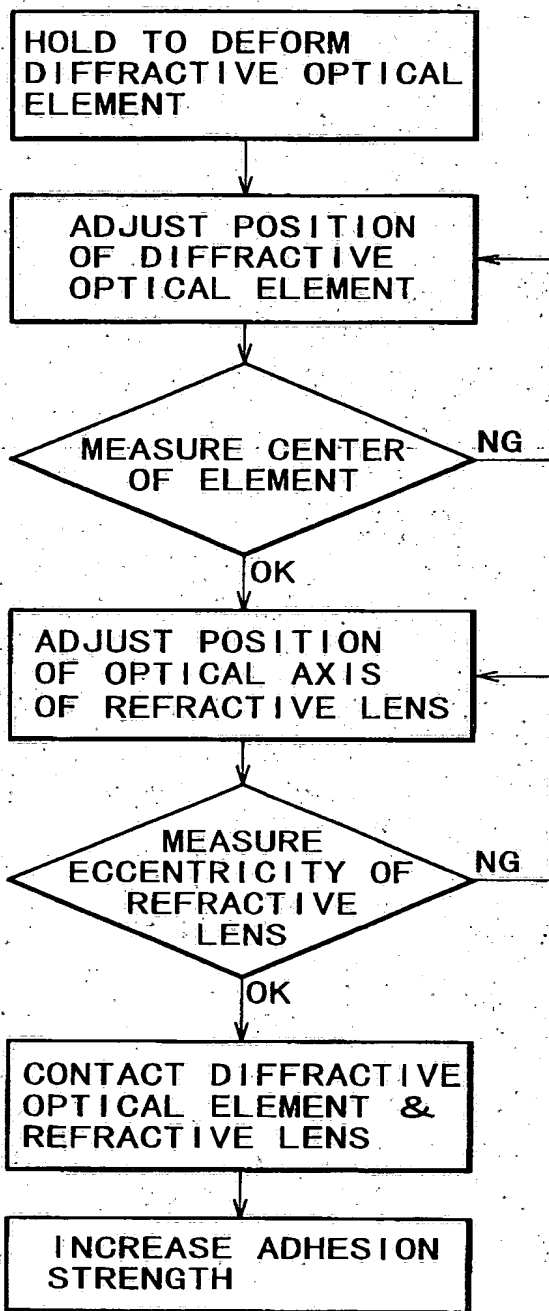


FIG. 61

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

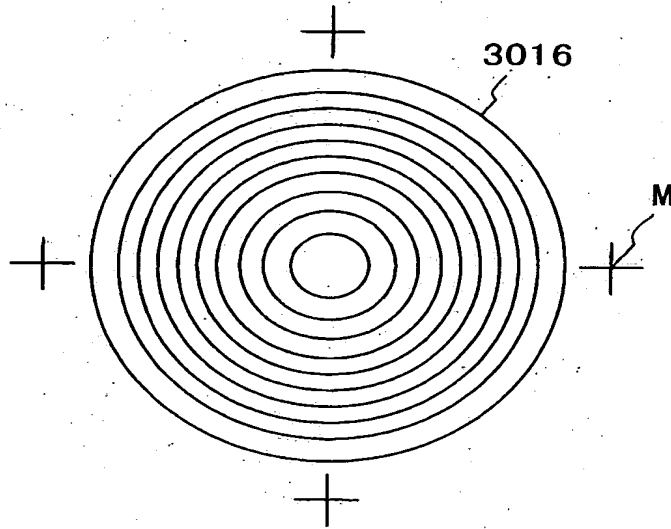


FIG. 62

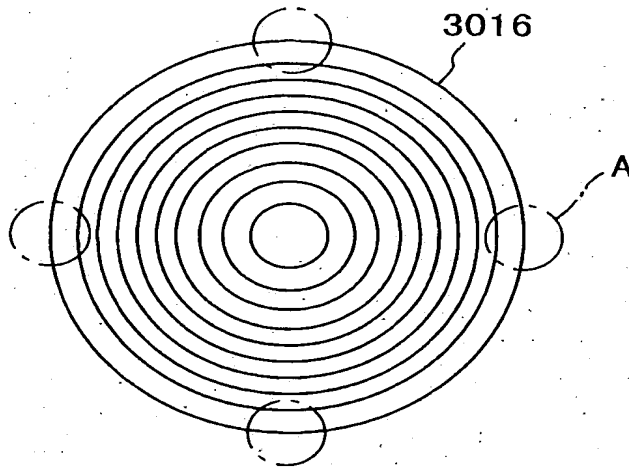


FIG. 63

656729-892950







APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

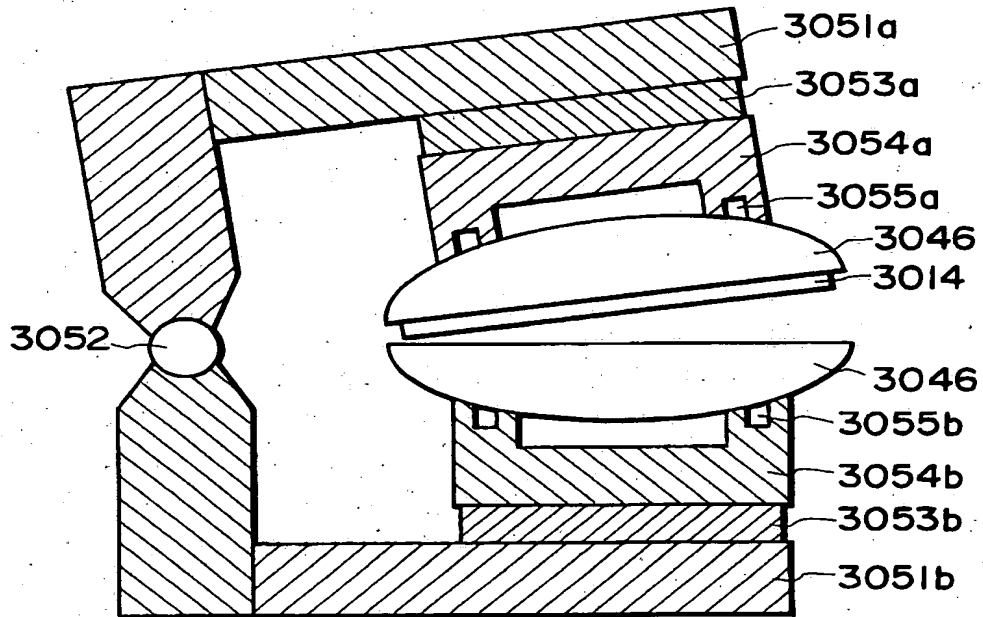


FIG. 69

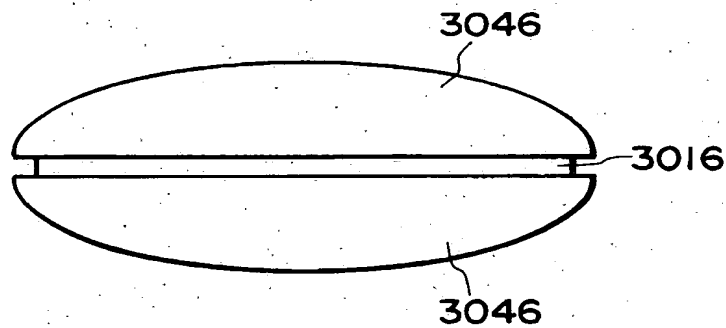


FIG. 70

565220" 05030000

APPROVED	O.G. FIG.	
BY	CLASS:	SUBCLASS:
DRAFTSMAN		

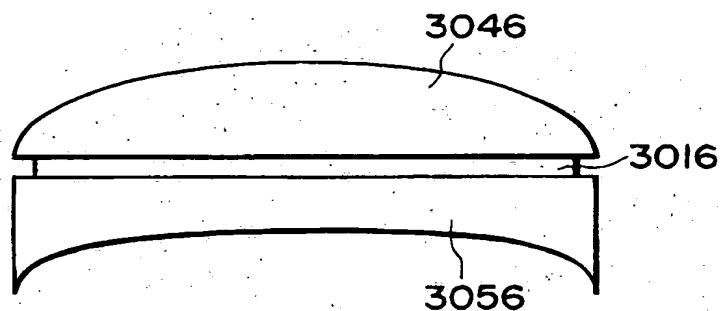


FIG. 71

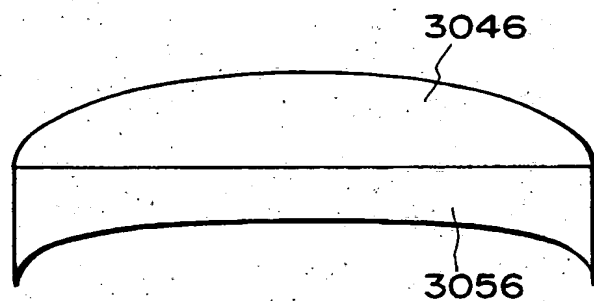


FIG. 72

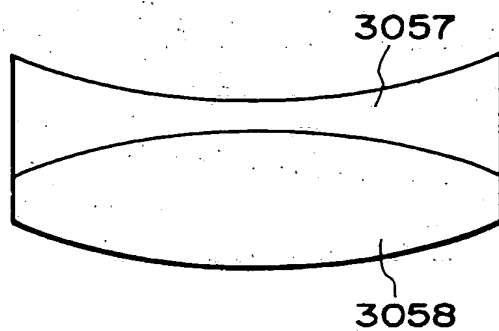


FIG. 73

6662/0 2592960

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

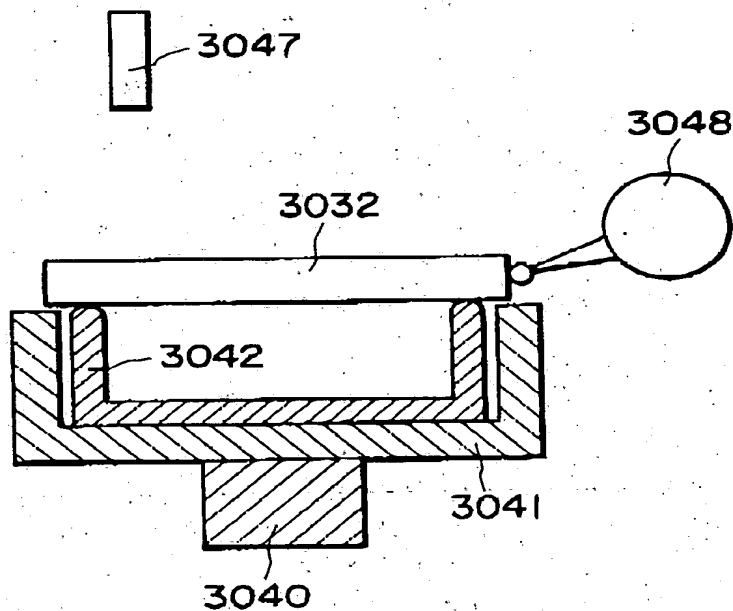


FIG. 74

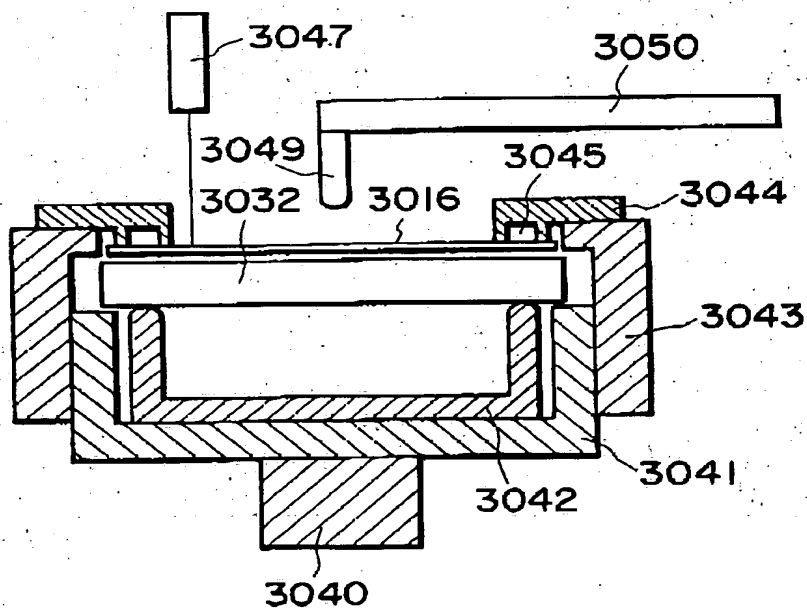


FIG. 75

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